DRAFT

WILD, WILD Aquatic, And Learning Tree Suggested Activities High School (Grades 9 – 12) Social Studies & Science

Key:

- indicates that the concept is a main focus of the activity
- indicates that the concept is *part* of the focus of the activity
- O indicates that the concept is addressed in the activity

Activities were selected because they address pertinent concepts and issues related to Iowa's Natural Resources and they address national content standards at the stated grade levels. There are many more relevant activities – this is meant to be a starting point for teachers looking to integrate teaching about Iowa's Natural Resources.

Activities are grouped according to subject and the manual within which they are found. PLT activities are listed by number (order they appear in the manual). Project WILD and WILD Aquatic activities are listed alphabetically by section of the manual in which they appear.

Social Studies

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#17 People of the Forest	WILD Unit 1		•	Ia
_			•	Ic, Id, Ih, IIIh, VIIIa, VIIIb, VIIIe, IXd, IXh, Xc
			0	Ie,Ig, IIb, IIf, IIIk, Vb, VIIf, VIIh
#40 Then and Now	WILD Unit 1		•	IIIg, IIIh, IIIi
			•	IIb, Vb
			0	Ia, Ig, Ih, Id, Ie, IIIj, IVh, Vc, Xc, Xj
#53 On the Move			•	IIb, IIf, IIIa, IIIb, IIIc, IIId, IVh, VIg, VIIa, VIIh, VIIj,
				VIIIb, IXd, IXh, Xc, Xd, Xe, Xi, Xj
			0	Ia, Ih, IIIk, IVb, Vc
#55 Planning the Ideal Community	PLT Unit 4		•	IIIb, IIIc, IIIg
			•	Ia, IVh, VIc, VIIIb, IXh, Xc
			0	IIe, IIf, IIIe, IIIh, IIIi, Vg, VIIa, VIIIe, Xe
#58 There Ought to Be a Law			•	VIj, Xc, Xd, Xe, Xi, Xj
			•	IVh, VIa VIb, VIc, IXa, Xf, Xg
			0	Ia, Ih, IIf, IIIk, Vc, Xb
#71 Watch on Wetlands	PLT Unit 1	Parts B, C, D	•	IIf, IIIh, Xc, Xd, Xe,Xf, Xi, Xj
	WILD Aquatic		•	Ia, IIe, IIIb, IIIk, IVh, IXd, Xg
	Units 1, 2		0	Ib, Id, IIIa, IIId, IIIe, IIIf, IIIg, VIIIa, VIIIb, VIIIe, VIIIf

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#73 Waste Watchers			• • •	VIIa, VIIj IIe, IIf, VIIIb, VIIIc, VIIIf, IXh, Xi, Xj Ia, IIIe, IVh, VIIb, VIIc, Xb, Xc, Xd, Xe
#89 Trees for Many Reasons	PLT Unit 4		• • •	VIIa, VIIb, Xj Ia, IVh, VIIc, VIIf IIe, IIf, IIIi, IIIk, VIa, VIIIa, VIIIb, VIIIc, Xb, Xc, Xe

Project Learning Tree Forest	Supplement	Extensions	Correlation	Social Studies Standards
Ecology Number – Activity				
#4 Home Sweet Home			•	IXd
			0	Xc, Xd, Xi, Xj
#5 Saga of the Gypsy Moth	PLT Unit 1		•	Xc, Xd, Xi, Xj
Project Learning Tree Focus on Forests Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#4 Who Owns America's Forests?	PLT Unit 4		0	IIIc, VIIa, VIIc, Xc, Xd
#5 Balancing America's Forests	PLT Unit 4		0 0	Xc, Xd IIe, IIIk, Vc, VIa, VIc, VIIa, Xf
#7 Words to Live By			0 0	Ig, Vb, IXa, Xc Ib, If, IIe, IVb, IVf, Va
#8 Take Action!			• • •	Xc, Xd, Xj IIIk, VIIIf, Xi IIf, VIj, Xe
Project Learning Tree Focus on Risk Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#6 Weighing the Options: A Look at Tradeoffs			0 0	IIh IIe, IIf, VIc, Xc

Project Learning Tree Focus on Risk (continued) Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#7 Decision Making: Ecological Risk, Wildfires, and Natural Hazards		Part C	© O	IIIg IIIc, IIIe, IIIj, IXd, Xc
Special Topics: Electromagnetic Fields			• •	IXd, Xc, Xd, Xf VIIIb
Special Topics: Chlorine – Looking at Tradeoffs			• •	IXd, Xc, Xd VIIIb, VIIId
Project Learning Tree Municipal Solid Waste Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#1 Introduction to Municipal Solid Waste: The Waste Stream			o	Ia, IXd, Xc IIe, IIf, IIIh, IIIk, VIa, VIIa, VIIj, VIIIf, IXh
#2 Source Reduction			0	Xc VIa, VIIa, VIIh, VIIj, VIIId, VIIIf, IXh, Xd, Xi, Xj
#3 Recycling and Economics			• • •	VIIa VIIb, Xc, Xd IIIc, IIIk, VIa, VIIh, VIIj, VIIIf, IXh, Xe
#8 Take Action: Success Stories and Personal Choices			• • •	Xc, Xd, Xe, Xi, Xj VIIj IIe, IIf, IIIk
Project Learning Tree Places We Live Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#3 Mapping Your Community Through Time	PLT Unit 1 WILD Unit 3	1, 2	• • •	IIb, IIe, IIf, IIIa, IIIb, IIIc, IIId IIc, IId, IIIg, IIIh, IIIi, VIIIa IVb, IVc, VIb, VIIIb
#6 A Vision for the Future	PLT Unit 1, 4	3	• • •	IIf, IIIk, IVa, Xi, Xj IIIe, IIIh, VIIa, VIIId IIIb, IIIc, IIId, VIIb

Project Learning Tree Places We Live (continued) Number – Activity	Supplement	Extensions	Correlation	Social Studies Standards
#7 Far-Reaching Decisions	PLT Unit 1 WILD Aquatic Unit 4 WILD Unit 1, 4	1, 2	• • •	IVa, VIa, VIIa, VIIf, VIIIf, IXd, IXh IIf, IIIb, Xe Ih, IIIc, IIId
#8 Regional Community Issues: The Ogallala Aquifer	PLT Units 3, 4 WILD Aquatic Units 1, 4	1, 2, 3	• • •	IIe, IIf, IIIe, IIIf, IIIg, IIIj, VIc, VIIj, Xc, Xd, Xf IVb, VIIb, VIId IIIb, IIIc, VIIc

Project WILD Section – Activity	Supplement	Extensions	Correlation	Social Studies Standards
I Fire Ecologies	Yes WILD Units 2,	1, 2, 3	0	IIb (ext. 3), IIe (ext. 3), IIf (ext. 3), IIIe, IIIh (ext. 1), IIIj, IIIk, IXd (ext. 1), Xc (ext. 1, 2, 3), Xd (ext. 1), Xj
	3			IIIK, IAU (ext. 1), AC (ext. 1, 2, 3), AU (ext. 1), Aj
II Know Your Legislation:	WILD Unit 4	1, 2	•	Xc, Xd, Xj
What's in it for Wildlife			•	VIc, Xi
			0	VIj, Xe
II Wild Bill's Fate	WILD Unit 4		•	VIa, VIc, Xc
			•	Vf, IXd, Xd, Xf
			0	Vb, Xe
III Back from the Brink	Yes	1, 3	•	VIc, IXd, Xc
	WILD Units 3,		0	IIb, IIIh, IIIk, VIa, VIi, IXb, Xd
III Cabin Conflict			•	VIa, Xc
			•	IIIg, IIIk, VIc, Xd
			0	Ib, VIf
III Can Do!	Yes		•	IIIk, Xi, Xj
	WILD Units 3,		•	Xc, Xd,
	4		0	IIIh, IVa, VIj, Xe
III Deer Crossing	WILD Unit 3		⊙	IIIk, VIc, VIg
			0	Ia, IIIg, VIIh, IXd, Xc, Xd, Xf
III Deer Dilemma	WILD Unit 3	1, 2	•	IIIk, Xc, Xd
			•	VIc, Xe
			0	Ia, IIIb, VIa, VIIh

Project WILD	Supplement	Extensions	Correlation	Social Studies Standards
Section – Activity				
III From Bison to Bread: The	Yes		•	IIIk
American Prairie	WILD Units 1,		•	IIb, IIIh, Xc, Xd
	2, 3, 4		0	Ia, Ib, Id, VIc, VIIa, VIIb, VIIj, IXd, Xh
III Philosophical Differences		1, 2, 3, 4	•	Xc
			•	IIe
			0	Ia, Ig, IVa, Vb, Ve, Vf, VIc, IXa, IXb, Xg
III Sustainability: Then, Now,		1, 2, 3, 6, 7	•	VIIIb
Later			•	Ia, IIb, IIe, IIf, IIIi, IXc
			0	IIIg, IIIh, Vg, VIc, VIIa, VIIj, Xc
III Wildlife Issues: Community	Yes		•	Ib,
Attitude Survey	WILD Units 1,		0	Id, IVa, Va, IXb, Xb, Xg
	3			

Project WILD Aquatic	Supplement	Extensions	Correlation	Social Studies Standards
Section – Activity				
II Watered Down History			•	IId, IIIc, VIa
			0	Vg, IXd, Xc, Xf
III Dragonfly Pond	Yes		•	Ia, IIIg, IIIk, IXd, Xc, Xd
	WILD Aquatic		•	IIIh, IXb, Xe, Xf, Xg
	Units 1, 3, 4		0	Ig, Ib, IIIa
III Living Research: Aquatic			•	IIIi
Heroes and Heroines				
III To Dam or Not to Dam	Yes		•	Ia, Ib, IIIk, Xc, Xd, Xe, Xf
	WILD Aquatic		•	IIIg, IIIh
	Units 3, 4		0	IIId, IIIj, Vg, VIa, VIc, Xg
III What's in the Air	Yes		0	IIIa, IIIf, VIIj, IXb
	WILD Aquatic			
	Units 3, 4			

Science

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#47 Are Vacant Lots Vacant?	PLT Unit 3			Unifying Concepts and Processes:
	121 01110		•	Systems, Order and Organization
			•	Evidence, Models, and Explanation
				C – Life Science:
			•	Interdependence of Organisms
			0	Matter, Energy and Organization in Living Systems
			Ö	Behavior of Organisms
				E – Science & Technology:
			•	Abilities of Technological Design
			<u> </u>	Understanding about Science and Technology
			_	F – Science in Personal and Social Perspectives:
			•	Personal and Community Health
			•	Natural Resources
			•	Environmental Quality
			•	Natural and Human–induced Hazards
			0	Science and Technology in Local, National, and Global
				Challenges
#55 Planning the Ideal	PLT Unit 4		0	A – Science as Inquiry: Ability to do Scientific Inquiry
Community			•	C – Life Science: Interdependence of Organisms
				E – Science & Technology:
			•	Abilities of Technological Design
			•	Understanding about Science and Technology
				F – Science in Personal and Social Perspectives:
			0	Personal and Community Health
			Ö	Population Growth
			Ö	Natural Resources
			Ö	Environmental Quality
			0	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
				Challenges
			0	G – History and Nature of Science: Historical
				Perspectives

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#56 We Can Work it Out			0	A – Science as Inquiry: Ability to do Scientific Inquiry Understanding about Scientific Inquiry
			0	C – Life Science: Interdependence of Organisms Matter, Energy and Organization in Living Systems E – Science & Technology:
			•	Abilities of Technological Design Understanding about Science and Technology F – Science in Personal and Social Perspectives:
			⊙ ⊙ ●	Personal and Community Health Natural Resources Environmental Quality
			•	Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges
			0	G – History and Nature of Science: Science as a Human Endeavor
#69 Forest for the Trees			© O	A – Science as Inquiry: Ability to do Scientific Inquiry Understanding about Scientific Inquiry C – Life Science:
			© O	Interdependence of Organisms Matter, Energy and Organization in Living Systems E – Science & Technology:
			O •	Abilities of Technological Design Understanding about Science and Technology F – Science in Personal and Social Perspectives:
			•	Natural Resources Environmental Quality Natural and Human–induced Hazards
			0	Science and Technology in Local, National, and Global Challenges G – History and Nature of Science: Nature of Scientific Knowledge

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#70 Soil Stories	PLT Unit 3		• • • •	 A – Science as Inquiry: Ability to do Scientific Inquiry Understanding about Scientific Inquiry B – Physical Science: Structure and Properties of Matter C – Life Science: Interdependence of Organisms Matter, Energy and Organization in Living Systems
				E – Science & Technology: Abilities of Technological Design Understanding about Science and Technology F – Science in Personal and Social Perspectives: Natural Resources Environmental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges G – History and Nature of Science: Historical
#71 Watch on Wetlands	PLT Unit 1 WILD Aquatic Units 1, 2		00000 •0 00 0000	Perspectives Unifying Concepts and Processes: Systems, Order and Organization Evidence, Models, and Explanation Constancy, Change and Measurement Evolution and Equilibrium Form and Function A – Science as Inquiry: Ability to do Scientific Inquiry Understanding about Scientific Inquiry C – Life Science: Interdependence of Organisms Matter, Energy and Organization in Living Systems F – Science in Personal and Social Perspectives: Population Growth Natural Resources Environmental Quality Natural and Human—induced Hazards

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#86 Our Changing World			•	A – Science as Inquiry: Ability to do Scientific Inquiry
woo our changing work			•	C-Life Science: Interdependence of Organisms
			0	D – Earth and Space Science: Energy in the Earth
				System
			•	E – Science & Technology: Abilities of Technological
				Design
				F – Science in Personal and Social Perspectives:
			•	Personal and Community Health
			⊙	Population Growth
			•	Natural Resources
			•	Environmental Quality
			•	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
				Challenges
#88 Life on the Edge	Yes		0	A – Science as Inquiry: Ability to do Scientific Inquiry
	PLT Units 1, 2,			C – Life Science:
	4		•	Biological Evolution
			•	Interdependence of Organisms
			0	E – Science & Technology: Abilities of Technological
				Design
				F – Science in Personal and Social Perspectives:
			•	Personal and Community Health
			•	Population Growth
			•	Natural Resources
			•	Environmental Quality
			<u> </u>	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
				Challenges

Project Learning Tree PreK-8 Number – Activity	Supplement	Extensions	Correlation	Science Standards
#94 By the Rivers of Babylon	Yes		0	A – Science as Inquiry: Ability to do Scientific Inquiry
	PLT Unit 4			C – Life Science:
			0	Interdependence of Organisms
			•	Behavior of Organisms
			0	<i>E – Science & Technology:</i> Abilities of Technological
				Design
				F – Science in Personal and Social Perspectives:
			•	Personal and Community Health
			•	Population Growth
			•	Natural Resources
			•	Environmental Quality
			•	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
				Challenges
				G – History and Nature of Science:
			•	Science as a Human Endeavor
			•	Historical Perspectives

Project Learning Tree Forest	Supplement	Extensions	Correlation	Science Standards
Ecology				
Number – Activity				
#1 Adopt–a–Forest	PLT Units 1, 2,			Unifying Concepts and Processes:
	3		•	Systems, Order and Organization
			•	Evidence, Models and Explanation
			0	Constancy, Change and Measurement
			0	Form and Function
			•	A - Science as Inquiry: Ability to do Scientific Inquiry
				C - Life Science:
			•	Interdependence of Organisms
			0	Matter, Energy, and Organization in Living Systems
			0	Behavior of Organisms

Project Learning Tree Forest Ecology (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
#5 Saga of the Gypsy Moth	PLT Unit 4		0000	Unifying Concepts and Processes: Systems, Order and Organization Evolution and Equilibrium C - Life Science: Interdependence of Organisms Behavior of Organisms E - Science & Technology: Abilities of Technological Design F - Science in Personal and Social Perspectives: Population Growth Science and Technology in Local, National, and Global Challenges
#6 Story of Succession	PLT Unit 1		• • • • • • • • • • • • • • • • • • • •	Unifying Concepts and Processes: Systems, Order and Organization Evidence, Models, and Explanation Evolution and Equilibrium Form and Function A - Science as Inquiry: Ability to do Scientific Inquiry C - Life Science: Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems Behavior of Organisms
Project Learning Tree Focus on Forests Number – Activity	Supplement	Extensions	Correlation	Science Standards
#1 What's a Forest to You?			00 000	Unifying Concepts and Processes: Form and Function A - Science as Inquiry: Ability to do Scientific Inquiry F - Science in Personal and Social Perspectives: Natural Resources Environmental Quality Science and Technology in Local, National, and Global Challenges

Project Learning Tree Focus on Forests (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
#3 Tough Choices			0	C - Life Science: Interdependence of Organisms
			0	E - Science & Technology: Understanding about Science
				and Technology
			0	F - Science in Personal and Social Perspectives: Personal and Community Health
			0	Population Growth
			•	Natural Resources
			000	Environmental Quality
				Natural and Human-induced Hazards
				Science and Technology in Local, National, and Global
				Challenges G - History and Nature of Science:
			•	Science as a Human Endeavor
			0	Nature of Scientific Knowledge
Project Learning Tree Focus on	Supplement	Extensions	Correlation	Science Standards
Risk				
**Number – Activity #2 Things Aren't Always What		Parts A & B	•	E - Science & Technology: Understanding about Science
They Seem		rans A & D		and Technology
They seem		Part C	•	E - Science & Technology: Understanding about Science
				and Technology
		Parts A, B & C		F - Science in Personal and Social Perspectives:
			⊙	Personal and Community Health
			0	Environmental Quality Natural and Human–induced Hazards
			⊙ ○	Science and Technology in Local, National, and Global
				Challenges
		Parts B & C	0	G - History and Nature of Science: Science as a Human
				Endeavor

Project Learning Tree Focus on Risk (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
#5 Communicating Risk		Parts A – D	•	Unifying Concepts and Processes: Evidence, Models, and Explanation
		Part D	0	Unifying Concepts and Processes: Constancy, Change, and Measurement
		Parts $A - D$		A - Science as Inquiry:
			•	Ability to do Scientific Inquiry
			•	Understanding about Scientific Inquiry
		Parts A – C	0	E - Science & Technology: Abilities of Technological Design
		Part E	•	E - Science & Technology: Abilities of Technological Design
		Parts A – E	0	E - Science & Technology: Understanding about Science and Technology
				F - Science in Personal and Social Perspectives: Personal and Community Health
			•	Natural and Human–induced Hazards
			• •	Science and Technology in Local, National, and Global Challenges
#7 Decision Making: Ecological		Part C		E - Science & Technology:
Risk, Wildfires, and Natural			•	Abilities of Technological Design
Hazards			•	Understanding about Science and Technology
				F - Science in Personal and Social Perspectives:
			•	Personal and Community Health
			•	Natural Resources
			•	Environmental Quality
			•	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
				Challenges

Project Learning Tree Focus on Risk (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
Special Topic –Chlorine: Looking at Tradeoffs		Parts A & B	0 0	 A - Science as Inquiry: Ability to do Scientific Inquiry Understanding about Scientific Inquiry B - Physical Science: Structure and Properties of Matter
			000	Chemical Reactions C - Life Science: Interdependence of Organisms E - Science & Technology:
		Part A	•	Abilities of Technological Design Understanding about Science and Technology F - Science in Personal and Social Perspectives:
			•	Personal and Community Health Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges
		Parts A & B	0	G - History and Nature of Science: Science as a Human Endeavor Historical Perspectives
Project Learning Tree Municipal Solid Waste Number – Activity	Supplement	Extensions	Correlation	Science Standards
#1 Introduction to MSW: The Waste Stream (continued on next page)			•••	Unifying Concepts and Processes: Evidence, Models, and Explanation Constancy, Change, and Measurement Form and Function A – Science as Inquiry:
			• • • •	Abilities to do Scientific Inquiry Understanding about Scientific Inquiry C – Life Science: Interdependence of Organisms E – Science & Technology: Understanding about Science and Technology
			0	F - Science in Personal and Social Perspectives: Personal and Community Health

Project Learning Tree Municipal Solid Waste (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
#1 Introduction to MSW: The Waste Stream (continued)			000	F - Science in Personal and Social Perspectives: (con't) Environmental Quality Natural and Human-induced Hazards Science and Technology in Local, National, and Global Challenges
			O •	G - History and Nature of Science: Science as a Human Endeavor Historical Perspectives
#4 Composting			•00000000000	 Unifying Concepts and Processes: Evidence, Models, and Explanation Constancy, Change, and Measurement Form and Function A - Science as Inquiry: Abilities to do Scientific Inquiry B - Physical Science: Chemical Reactions C - Life Science: Matter, Energy, and Organization in Living Systems E - Science & Technology Abilities of Technological Design Understanding about Science and Technology F - Science in Personal and Social Perspectives: Personal and Community Health Natural Resources
#6 Landfills			• 00 0 0 0 0	Unifying Concepts and Processes: Evidence, Models, and Explanation Form and Function A – Science as Inquiry: Abilities to do Scientific Inquiry B – Physical Science: Chemical reactions E – Science & Technology Abilities of Technological Design Understanding about Science and Technology F - Science in Personal and Social Perspectives: Personal and Community Health Environmental Quality

Project Learning Tree Places We Live Number – Activity	Supplement	Extensions	Correlation	Science Standards
#5 Green Space		1, 2, 3, 4, 5, 6, 7	•	C – Life Science: Interdependence of Organisms
-				F – Science in Personal and Social Perspectives:
			•	Personal and Community Health
			•	Population Growth
			•	Natural Resources
			•	Environmental Quality
			•	Science and Technology in Local, National and Global
			_	Challenges
			•	G – History and Nature of Science: Historical
				Perspectives
#6 A Vision for the Future	PLT Units 1, 4	3	•	C – Life Science: Interdependence of Organisms
				E – Science & Technology
			•	Abilities of Technological Design
			•	Understanding about Science and Technology
				F – Science in Personal and Social Perspectives:
			•	Personal and Community Health
			•	Population Growth
			•	Natural Resources
			•	Environmental Quality
			•	Natural and Human-induced Hazards
			•	Science and Technology in Local, National and Global
				Challenges
				G – History and Nature of Science
			<u> </u>	Science as a Human Endeavor
			•	Historical Perspectives

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Carrying Capacity	WILD Unit 3			Unifying Concepts and Processes:
			•	Systems, Order, and Organization
			•	Evidence, Models, and Explanation
			•	Constancy, Change, and Measurement
			0	Evolution and Equilibrium
				A – Science as Inquiry:
			•	Abilities to do Scientific Inquiry
			·	Understanding about Scientific Inquiry
				C – Life Science:
			•	Interdependence of Organisms
			0	Matter, Energy, and Organization in Living Systems
				F – Science in Personal and Social Perspectives:
			0	Population Growth
			0	Environmental Quality
			0	Science and Technology in Local, National, and
				Global Challenges
			0	<i>G – History and Nature of Science:</i> Nature of Scientific
				Knowledge
I Fire Ecologies	Yes	1, 4		Unifying Concepts and Processes:
(continued on next page)	WILD Units 2,		•	Systems, Order, and Organization
	3		•	Evidence, Models, and Explanation
			•	Constancy, Change, and Measurement
			•	Evolution and Equilibrium
			0	Form and Function
				A – Science as Inquiry:
			•	Abilities to do Scientific Inquiry
			•	Understanding about Scientific Inquiry
				B – Physical Science:
			0	Chemical Reactions
			0	Conservation of Energy and Decrease in Disorder
			0	Interactions of Matter and Energy
				C – Life Science:
			0	Interdependence of Organisms
			0	Matter, Energy, and Organization in Living Systems

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Fire Ecologies (continued)			0 0 0	 D – Earth and Space Science: Energy in the Earth System E – Science & Technology: Abilities of Technological Design Understanding about Science and Technology F – Science in Personal and Social Perspectives: Environmental Quality Natural and Human–induced Hazards G – History and Nature of Science: Constancy, Change,
I Forest in a Jar	WILD Unit 2		• • • • • • • • • • • • • • • • • • •	and Measurement Unifying Concepts and Processes: Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium A - Science as Inquiry: Abilities to do Scientific Inquiry Understanding about Scientific Inquiry Understanding about Scientific Inquiry B - Physical Science: Chemical reactions Interactions of Matter and Energy C - Life Science: Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems F - Science in Personal and Social Perspectives: Population Growth
I We're in This Together (continued on next page)		1	000000	Unifying Concepts and Processes: Systems, Order and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement A – Science as Inquiry: Abilities to do Scientific Inquiry Understanding about Scientific Inquiry C – Life Science: Interdependence of Organisms

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
I We're in This Together (continued)			00000	F – Science in Personal and Social Perspectives: Personal and Community Health Population Growth Natural Resources Environmental Quality Natural and Human–induced Hazards Science and Technology in Local, National and Global Challenges
III Back from the Brink	Yes WILD Units 3, 4	1, 2	0 0	 A – Science as Inquiry: Abilities Necessary to do Scientific Inquiry C – Life Science: Interdependence of Organisms F – Science in Personal and Social Perspectives: Natural Resources
III Bird Song Survey	WILD Unit 3	1, 2, 3	000000	 Unifying Concepts and Processes: Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Form and Function A – Science as Inquiry: Abilities to do Scientific Inquiry C – Life Science: Behavior of Organisms G – History and Nature of Science: Constancy, Change, and Measurement
III Cabin Conflict (continued on next page)			000 000 00	Unifying Concepts and Processes: Systems, Order and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement A – Science as Inquiry: Abilities to do Scientific Inquiry Understanding about Scientific Inquiry C – Life Science: Interdependence of Organisms E – Science & Technology: Abilities of Technological Design Understanding about Science and Technology

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
III Cabin Conflict				F – Science in Personal and Social Perspectives:
(continued)			0	Natural Resources
(community)			•	Environmental Quality
			Ö	Science and Technology in Local, National and Global
				Challenges
				G – History and Nature of Science:
			0	Constancy, Change, and Measurement
			0	Nature of Scientific Knowledge
III Can Do!	Yes			Unifying Concepts and Processes:
	Units 3, 4		0	Systems, Order and Organization
	,		0	Evidence, Models, and Explanation
			0	Constancy, Change and Measurement
				A – Science as Inquiry:
			•	Abilities to do Scientific Inquiry
			0	Understanding about Scientific Inquiry
			0	C – Life Science: Interdependence of Organisms
				E – Science & Technology:
			•	Abilities of Technological Design
			0	Understandings about Science and Technology
				F – Science in Personal and Social Perspectives:
			0	Population Growth
			0	Natural Resources
			0	Environmental Quality
			•	Science and Technology in Local, National and Global
				Challenges
				G – History and Nature of Science:
			0	Constancy, Change, and Measurement
			0	Nature of Scientific Knowledge
III From Bison to Bread: The	Yes		_	Unifying Concepts and Processes:
American Prairie	Units 1, 2, 3,4		0	Systems, Order and Organization
(continued on next page)			0	Constancy, Change and Measurement
				A – Science as Inquiry:
			0	Abilities to do Scientific Inquiry
			0	Understanding about Scientific Inquiry

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
III From Bison to Bread: The				C – Life Science:
American Prairie			•	Interdependence of Organisms
(continued)			0	Matter, Energy, and Organization in Living Systems
				F – Science in Personal and Social Perspectives:
			0	Population Growth
			0	Natural Resources
			0	Science and Technology in Local, National and Global
				Challenges
III Turkey Trouble	WILD Units 3,	1, 2		Unifying Concepts and Processes:
	4		•	Systems, Order, and Organization
			0	Evidence, Models, and Explanation
			•	Constancy, Change, and Measurement
			•	Evolution and Equilibrium
				A – Science as Inquiry:
			•	Abilities to do Scientific Inquiry
			0	Understanding about Scientific Inquiry
				C – Life Science:
			0	Interdependence of Organisms
			0	Behavior of Organisms
				E – Science & Technology:
			•	Abilities of Technological Design
			0	Understanding about Science and Technology
				F – Science in Personal and Social Perspectives:
			•	Population Growth
			0	Environmental Quality
			0	G – History and Nature of Science: Constancy, Change,
				and Measurement
III Wildlife Research	WILD Units 3,		_	Unifying Concepts and Processes:
(continued on next page)	4		0	Systems, Order, and Organization
			•	Evidence, Models, and Explanation
			•	Constancy, Change, and Measurement
				A – Science as Inquiry:
				Abilities to do Scientific Inquiry
				Understanding about Scientific Inquiry
			0	C – Life Science: Behavior of Organisms

Project WILD	Supplement	Extensions	Correlation	Science Standards
Section – Activity				
III Wildlife Research				E – Science & Technology:
(continued)			•	Abilities of Technological Design
			0	Understanding about Science and Technology
			0	F – Science in Personal and Social Perspectives: Natural
				Resources
			0	<i>G – History and Nature of Science:</i> Constancy, Change,
				and Measurement

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Blue Ribbon Niche	Yes	1, 2		Unifying Concepts and Processes:
	WILD Aquatic		0	Systems, Order, and Organizations
	Units 1, 2, 3, 4		•	Evidence, Models, and Explanation
			0	Constancy, Change and Measurement
			0	Evolution and Equilibrium
			•	Form and Function
				A – Science as Inquiry:
			⊙	Abilities Necessary to do Scientific Inquiry
			•	Understanding about Scientific Inquiry
				C – Life Science:
			0	Biological Evolution
			•	Interdependence of Organisms
			•	Matter, Energy, and Organization in Living Systems
			0	Behavior of Organisms
				D – Earth and Space Science:
			0	Energy in the Earth System
			0	Geochemical Cycles
				F – Science in Personal and Social Perspectives:
			0	Personal and Community Health
			•	Natural Resources
			•	Environmental Quality
			0	Natural and Human-induced Hazards

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
I (The) Edge of Home	Yes	1, 3		Unifying Concepts and Processes:
	WILD Aquatic		0	Systems, Order, and Organizations
	Units 2, 3		•	Evidence, Models, and Explanation
			0	Constancy, Change and Measurement
			0	Evolution and Equilibrium
			•	Form and Function
				A – Science as Inquiry:
			•	Abilities Necessary to do Scientific Inquiry
			•	Understanding about Scientific Inquiry
				C – Life Science:
			0	Biological Evolution
			•	Interdependence of Organisms
			0	Matter, Energy, and Organization in Living Systems
				F – Science in Personal and Social Perspectives:
			0	Personal and Community Health
			•	Natural Resources
			•	Environmental Quality
I Water Canaries	Yes	1, 2, 3, 4, 5, 6,		Unifying Concepts and Processes:
(continued on next page)	WILD Aquatic	7, 8; Iowa	0	Systems, Order, and Organization
	Units 2, 3, 4	Supp.	0	Evidence, Models, and Explanation
		11	0	Evolution and Equilibrium
			_	A – Science as Inquiry:
			•	Abilities Necessary to do Scientific Inquiry
			•	Understanding about Scientific Inquiry
				B – Physical Science:
			0	Chemical Reactions
			Ö	Interactions of Energy and Matter
				C – Life Science:
			0	Biological Evolution
			•	Interdependence of Organisms
			0	Matter, Energy, and Organization in Living Systems
			Ö	D – Earth and Space Science: Geochemical cycles

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Water Canaries (continued) III Aquatic Roots	Yes WILD Aquatic Units 2, 3, 4	2 Iowa Supp.	00 00 00 00 00 00 00	E – Science & Technology: Abilities of Technological Design Understandings about Science and Technology F – Science in Personal and Social Perspectives: Personal and Community Health Natural Resources Environmental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges G – History and Nature of Science: Science as a Human Endeavor Nature of Scientific Knowledge Unifying Concepts and Processes: Systems, Order, and Organization Evidence, Models, and Explanation Evolution and Equilibrium A – Science as Inquiry: Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry C – Life Science: Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems E – Science & Technology: Abilities of Technological Design Understandings about Science and Technology F – Science in Personal and Social Perspectives: Environmental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges

Project WILD Aquatic	Supplement	Extensions	Correlation	Science Standards
Section – Activity III Dragonfly Pond	Yes	2, 3, 5, 6, 7, 8		Unifying Concepts and Processes:
III Diagonity Folid	WILD Aquatic	Iowa Supp.	•	Systems, Order, and Organization
	Units 3, 4	iowa supp.	•	Evidence, Models, and Explanation
	Omts 3, 4		0	Evolution and Equilibrium
				<u> </u>
			•	A – Science as Inquiry:
			○	Abilities Necessary to do Scientific Inquiry
				Understanding about Scientific Inquiry
				C – Life Science:
			0	Biological Evolution
			0	Interdependence of Organisms
			0	D – Earth and Space Science: Geochemical cycles
				E – Science & Technology:
			•	Abilities of Technological Design
			•	Understandings about Science and Technology
				F – Science in Personal and Social Perspectives:
			•	Natural Resources
			•	Environmental Quality
			•	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
				Challenges
				G – History and Nature of Science:
			0	Science as a Human Endeavor
			0	Nature of Scientific Knowledge
III Facts and Falsehoods		1, 2, 3	•	Unifying Concepts and Processes: Evidence, Models, and
		, ,		Explanation
				A – Science as Inquiry:
			•	Abilities to do Scientific Inquiry
			0	Understanding about Scientific Inquiry
				E – Science & Technology:
			0	Abilities of Technological Design
			Ö	Understandings about Science and Technology
				G – History and Nature of Science:
			•	Nature of Scientific Knowledge
			0	Constancy, Change, and Measurement

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III (The) Glass Menagerie	Yes	1, 2, 3		Unifying Concepts and Processes:
-	WILD Aquatic		•	Systems, Order, and Organization
	Units 1, 3, 4		•	Evidence, Models, and Explanation
			•	Constancy, Change, and Measurement
			•	Evolution and Equilibrium
			0	Form and Function
				A – Science as Inquiry:
			•	Abilities Necessary to do Scientific Inquiry
			•	Understanding about Scientific Inquiry
			0	<i>B – Physical Science:</i> Chemical Reactions
				C – Life Science:
			0	Biological Evolution
			•	Interdependence of Organisms
			0	Behavior of Organisms
				E – Science & Technology:
			0	Abilities of Technological Design
			0	Understandings about Science and Technology
				F – Science in Personal and Social Perspectives:
			0	Natural Resources
			•	Environmental Quality
			0	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
				Challenges
			0	G – History and Nature of Science: Constancy, Change,
				and Measurement
III Puddle Wonders!	Yes	1, 2, 3, 4		Unifying Concepts and Processes:
(continued on next page)	WILD Aquatic	Iowa Supp.	0	Systems, Order, and Organization
	Units 2, 3		0	Evolution and Equilibrium
				A – Science as Inquiry:
			•	Abilities Necessary to do Scientific Inquiry
			•	Understanding about Scientific Inquiry
				C – Life Science:
			0	Biological Evolution
			0	Interdependence of Organisms

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III Puddle Wonders!				F – Science in Personal and Social Perspectives:
(continued)			0	Natural Resources
			0	Environmental Quality
			0	Science and Technology in Local, National, and Global
				Challenges
III Watershed	Yes	1, 2, 3, 5, 6, 7, 8		Unifying Concepts and Processes:
	WILD Aquatic	Iowa Supp.	•	Systems, Order, and Organization
	Units 1, 3		0	Evidence, Models, and Explanation
				A – Science as Inquiry:
			•	Abilities Necessary to do Scientific Inquiry
			•	Understanding about Scientific Inquiry
				B – Physical Science:
			0	Motions and Forces
			0	Conservation of Energy and Decrease in Disorder
			0	Interactions of Energy and Matter
				C – Life Science:
			0	Biological Evolution
			•	Interdependence of Organisms
			•	D – Earth and Space Science: Geochemical Cycles
				F – Science in Personal and Social Perspectives:
			•	Natural Resources
			•	Environmental Quality
			•	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
			Ü	Challenges
			0	<i>G – History and Nature of Science:</i> Nature of Scientific
				Knowledge
III What's in the Water?	Yes	1, 2, 3, 4	•	Unifying Concepts and Processes: Systems, Order, and
(continued on next page)	WILD Aquatic	Iowa Supp.		Organization
	Unit 4		_	A – Science as Inquiry:
			0	Abilities Necessary to do Scientific Inquiry
			0	Understanding about Scientific Inquiry
			0	<i>C – Life Science</i> : Interdependence of Organisms
			0	D – Earth and Space Science: Geochemical cycles

Project WILD Aquatic	Supplement	Extensions	Correlation	Science Standards
Section – Activity				
III What's in the Water?				F – Science in Personal and Social Perspectives:
(continued)			•	Natural Resources
			•	Environmental Quality
			•	Natural and Human-induced Hazards
			•	Science and Technology in Local, National, and Global
				Challenges
			0	<i>G – History and Nature of Science:</i> Nature of Scientific
				Knowledge